Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **063** **Const Calendar Day:** 267 **Date:** **02-Jun-2010** **Wednesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 07:00 am 03:30 pm **Break:** 00:30 **Over Time:**
Federal ID:
Location:
Reviewer: **Mathur, Lalit** **Approved Date:** 04-Aug-10 **Status:** Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 60 - 70 **4PM** 50 - 60
Precipitation 0.00" **Condition** Mostly cloudy in the AM to partly cloudy in the PM

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- Retrieved and transported to the Caltrans Richmond material lab 4-4"x8" cylinders for compressive strength at 10hrs and 2-6"x12" cylinders for compressive strength at 1day for the W2E closure pour lift 1 SCC. The 4-4"x8" cylinders were tested at the Richmond lab by Rob Ramos (Caltrop) and the 6-6"x12" cylinders were brought by Rob to the Sacramento Translab. John Beede and myself observed the compressive strength tests of these 4 cylinders conducted by Rob at the Richmond lab. The cylinders couldn't be broken since the capacity of the machine was 40,000lbs or 3,100psi for these cylinders. Jim Davidson informed me later in the day that Smith Emery was reporting compressive strengths at the same concrete age of approximately over 6,000psi. This would explain why the machine at the Richmond lab couldn't break the cylinders.
- Prepared for stressing operations of continuity tendons CT-E15B, 16B, 27B, and 28B scheduled for tomorrow.
- Paperwork related to concrete and stressing operations.

04-0120F4 **Bid Item:** **034** **X-W2C-BCT.034** **E-W Line Cross Over W2 Cap Cap Beam Continuity Tendons**
SCHWAGER DAVIS INC.

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: SCHWAGER DAVIS INC.								
Ironworker	JNM	Marty Murillo	0.00	0.00	0.00	0.00		☐
Ironworker	JNM	James Bond	0.00	0.00	0.00	0.00		☐
Ironworker	JNM	Randy Hill	0.00	0.00	0.00	0.00		☐
Ironworker	GEN	Ralph Craig	0.00	0.00	0.00	0.00		☐

Equipment

Equipment ID	Description	RT Hrs	OT Hrs	ST Hrs	IT Hrs	Rental Company Remarks	Dispute
Contractor: SCHWAGER DAVIS INC.							
*E0160298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	Strand Pusher	☐
*E0150298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	HPU-D-110-3K-02 Pump for Strand Pusher	☐
*E0140298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	Pump for Monostrand Ram	☐
*E0130298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	HPU-E-1-10KV Pump for Monostrand Ram	☐
*E0120298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	HPU-E-1-10 Pump for Monostrand Ram	☐

*E0110298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	Pump for Multistrand Ram	☐
*E0100298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	6-8-134 Monostrand Ram	☐
*E0090298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	6-8-0014 Monostrand Ram	☐
*E0080298	JACKS, HYDRAULIC					No	
		0.00	0.00	0.00	0.00	CH600-8-109 Multistrand Ram	☐

Diary: Dispute

Work description. **034** X-W2C-BCT.034 ☐

- Mobilized the equipment used for strand placement, post-tensioning, and connex box on top of the W2 cap beam near the E-Line continuity tendons. The connex box is a storage unit for all the miscellaneous small tools and materials. It also should be noted that the equipment and connex box were shipped to the jobsite yesterday in addition to a few strand packs.
- Pushed all 27 strands from pack #8185 for continuity tendons E15B, E16B, E27B, and E28B which need to be stressed first per submittal 1529R01. Anchorheads and wedges were placed on both the live and dead ends of these tendons in preparation for stressing operations tomorrow morning. It should be noted that these tendons are on the bottom row of OBG Lift 1E which are stressed as soon as possible due to the thermal moment believed to be acting at the end of OBG lift 1E. Stressing these tendons would "lock-in" the bottom of the OBG into the cap and restrict the differential movement prior to the placement of concrete (lift 2) at the W2E construction joint.

Attachment

Pushing strand into continuity tendon 16B from the west end of the cap beam.

Strand pushing equipment and operation on top of the W2 cap beam.

Voids seen on the 4"x8" cylinders after stripping the plastic in preparation for compressive tests.